

FIG. 1A is a block diagram of a radio frequency (RF) system 10. The system 10 includes an antenna 14, a receiver 36, a transmitter 30, and a power supply 18. The receiver 36 is connected to the antenna 14 and the transmitter 30. The transmitter 30 is connected to the antenna 14. The power supply 18 is connected to the receiver 36 and the transmitter 30. The system 10 is shown in a dashed box 38.

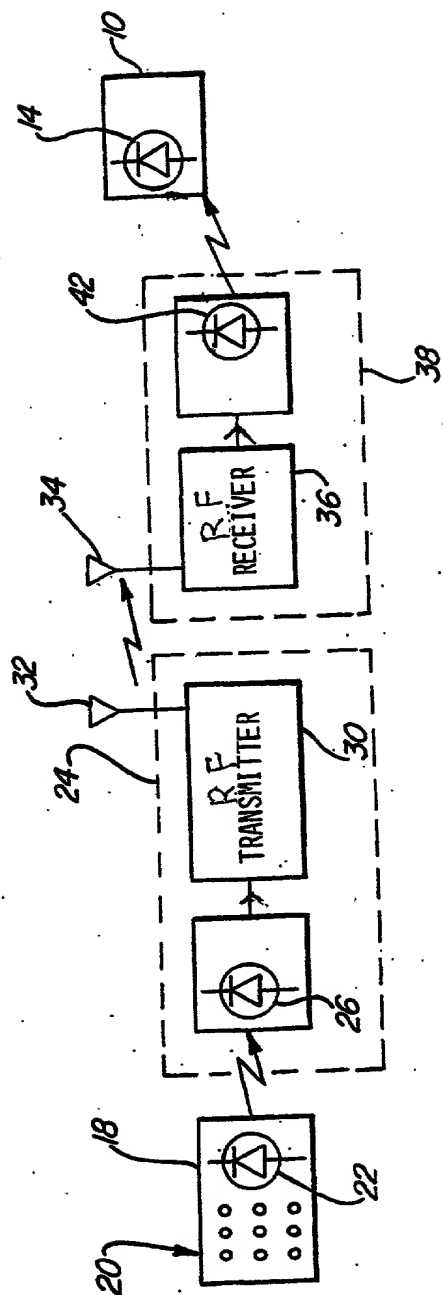


FIG. 1A

FIG. 1B is a block diagram of a radio frequency (RF) communication system 10. The system 10 includes a transmitter 18 and a receiver 36. The transmitter 18 includes a processor 20, a modulator 22, and an antenna 32. The receiver 36 includes an antenna 34, a demodulator 42, and a processor 44. The transmitter 18 and receiver 36 are connected to each other via a communication link 14.

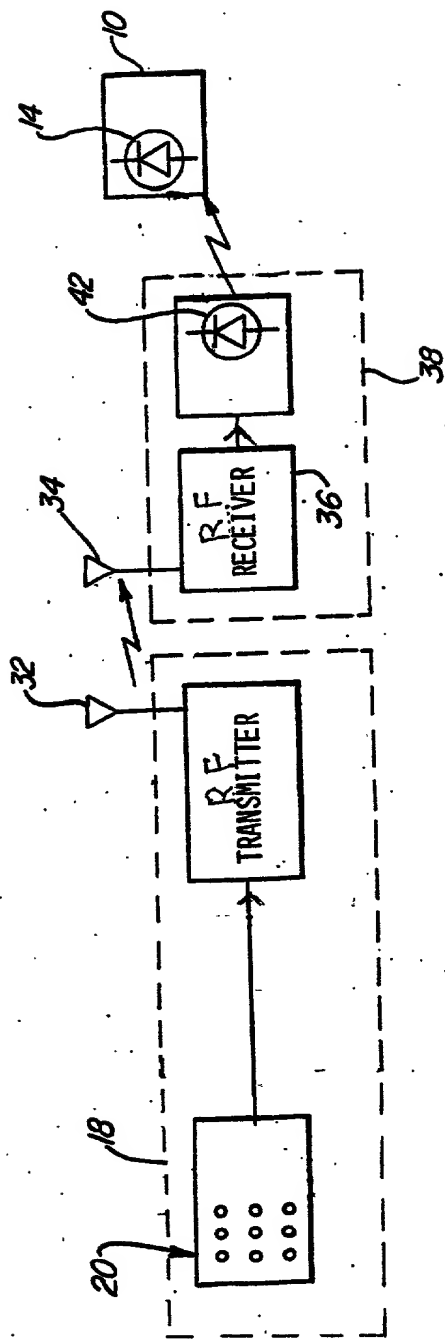


FIG. 1B

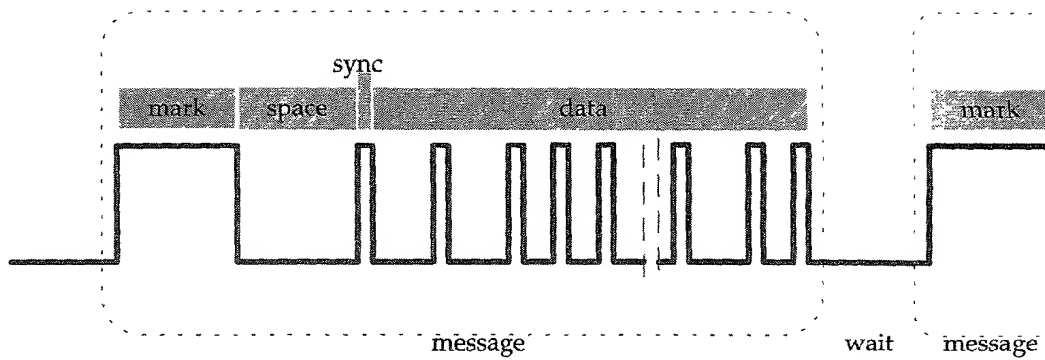


FIG. 2

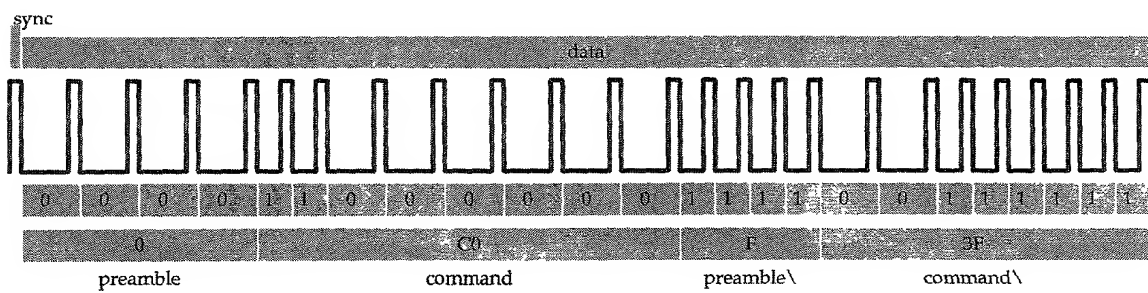


FIG. 3

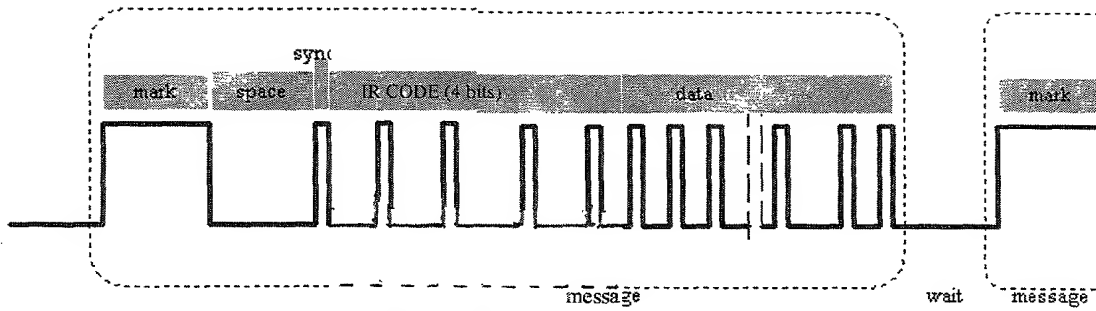


FIG. 4

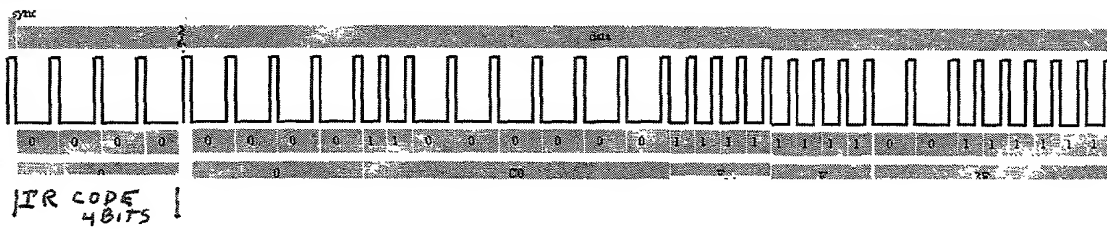


FIG. 5

